

Surgical Lamp

MOL-02

(One Lamp)

Manual Book

CONTROLLY

Chapter 1 Main Technical Specifications Operating Light LED

1.1 Normal working environment

Operating environment

- a) Temperature : 15 ~ 30°C
- b) Relative humidity: 40% ~ 60% RH
- c) Atmospheric pressure: 860 ~ 1060 hpa

Storage and Transfer

- a) Ambient temperature : 15 ~ 30°C
- b) Relative humidity: 40% ~ 60% RH
- c) Atmospheric pressure: 500 ~ 1060 hpa

FULL SPECIFICATION Operating Light LED

Model	MOL-02	
Lamp dimensions	500 (Ø) mm, 135 (T) mm	
Material	Aluminium alloy dan PC	
Weight	± 43 kg	
Power	± 56 W	
Life time	30000 hours	
LED Lamp Quantity Lamp	54 pcs	
Lamp Radiation Exposure Ratio Lamp	± 296 mW/m ²	
Lamp Color Temperature Lamp	3500-5000K	
Lamp Light Intensity Lamp	> 40.000 Lux (100 cm) -> 160.000 Lux (60 cm)	
Light Spot Diameter Lamp	300 mm (1m)	
Lamp Illumination Depth Lamp	130 mm	
Color Rendering Index (Ra) Lamp	Ra:91.5 ; R9:81 ; R13:95 : R14:92	
Normal Usage Condition	Temperature	15~30°C
	Relative Humidity	40%~60% RH
	Atmospheric Pressure	860 ~ 1060 hpa
Transport and Storage	Temperature	15~30°C
	Relative Humidity	40%~60% RH
	Atmospheric Pressure	500 ~ 1060 hpa

Chapter 2 Security Warning

- 2.1 This tool is recommended for use by adults and children.
- 2.2 Please read this guide carefully before operating unit and operate the tool in accordance with the operating regulations.
- 2.3 Unit need to be cleaned after use with aerosol treatment.
- 2.4 Cleanup needs to be done once in a day.
- 2.5 It should not be used to process anesthetic and the use of a viscous fluid.
- 2.6 Please do turn off and unplug the power cord supply before cleaning and wipe dry.
- 2.7 Do not use while bathing.
- 2.8 Turn off the unit first before refilling.
- 2.9 Keep the unit out of the fire.

Chapter 3 Rules of Maintenance

- 3.1 Under normal conditions use according to this unit Use Directive, if this unit has some problems please contact our customer service. The company has sales records and customer records for each unit that received a one-year service warranty from the date of initial purchase depending on the conditions and time.
- 3.2 Although in the free maintenance period, we charge for repairs for the following reasons:
 - 3.2.1 Errors on use caused by operation outside of the instructions for the use of the unit.
(Damaged by knocks, falls or other errors, non-working of the unit due to exposure to water or other faults)
 - 3.2.2 The error caused by the fall when the user has left the purchase location.
 - 3.2.3 Mistakes on preparation, reconstruction, decomposition and others beyond the standard of our company.
 - 3.2.4 Damage caused by natural disasters such as fire, flood, earthquake and others.

3.2.5 Damage caused by the ups and downs of the electric voltage drastically or outside the stipulated standard voltage of the unit.

3.3 In the warranty period, a free replacement for parts for one year. Except for power cables, manual usage and packing load.

3.4 The free maintenance service will be canceled if we find a defective seal.

3.5 For maintenance costs beyond the warranty period, our company recommends continuing using "Regular Care Contact".

Chapter 4 Notice before Operation

4.1 Read these instructions carefully before operating to ensure that the unit can be used safely and effectively.

4.2 Installation and maintenance of the equipment shall be carried out in accordance with these instructions.

4.3 This unit should be placed in a flat place. Put it in a bright spot when it is moved. Avoid shock vibrations and shocks.

4.4 AC frequency and voltage value shall be in accordance with the requirement, and have sufficient current capacity.

4.5 Please put this unit in an easy place for earthing.

4.6 Check all equipment, whether installed properly and correctly and in accordance with the place

Chapter 5

Grounding and Electrical Connections to the Operating

Light LED

Earthing:

- 5.1 Connect the unit to the ground and the power source outlet via a three-way power cord (3-wire plug). The three-wire plug must be inserted into the three-wire cable outlet correctly.
- 5.2 If a three-wire outlet is not available, an eligible electrician shall install one unit in accordance with CONSIDER or AUTHENTIC rules in Indonesia.
- 5.3 Under no circumstances do not discharge the grounding conductor of the electric steaker.
- 5.4 Do not use any connection cable or adapter. The power cord and the steaker must be intact and undamaged.
- 5.5 Do not use pipelines and others as grounding.
- 5.6 Proper grounding can ensure safety and guard against interference of AC power and electromagnetic waves.

Electrical Connections to Operating Light LED :

- 5.7 Make sure the AC power supply complies with the following specifications.
- 5.8 Connect the power supply / steaker cable from the unit to the socket that has been grounded / grounded properly and correctly.
- 5.9 Make sure the power indicator light on the unit is on.
- 5.10 If the power cord is not connected properly before operating the unit, it is possible that the unit is not working perfectly due to inefficient power input.

Chapter 6 Operation of the Operating Light LED

1. Connect the power cord to the power socket
2. Turn on the ON button
3. Put the check lamp in the desired position
4. Focus the LED light on the patient / object
5. Adjust the lighting buttons as desired
6. Perform an Operating
7. Done check OFF OFF button
8. Disconnect the power cord from the electrical socket
9. Keep the check lamp in place

Chapter 7 Troubleshooting Troubleshooting on Users

No	Problem	Solution
1	Off total	<ul style="list-style-type: none">• Check power connection to power source• Check the power cable socket connection with the avometer• Check the fuse cable connection with avometer
2	Not working	<ul style="list-style-type: none">• Check the power indicator indicator is not on• Check the normal voltage is not

Chapter 8 Care and Maintenance

- 8.1 The buyer is not permitted to open or disassemble the contents in the unit. Any maintenance or renewal shall be performed by an authorized person and an authorized professional of PT. Sinko Prima Alloy. Maintenance must be done with original components from PT. Sinko Prima Alloy.
- 8.2 Please apply to withdraw the steaker power supply when the electric power is about to be switched off. If the unit is not used for long periods of time, please draw the steaker power supply from the power source, then place the unit in a cool, cool and dry place.
- 8.3 Then unit should be maintained and cleaned regularly.
- How to clean Elitech Operating Light LED as follows :**
- A.) Firstly the power cord must be removed from the power source.
 - B.) Prepare a cloth containing clean water without cleaning material and then rub it evenly over the entire unit.
 - C) Use a clean, dry cloth to dry, until the entire unit is completely dry and clean

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